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TITLE : ODORANT FOR FUEL GAS

ABSTRACT : PURPOSE: To obtain an odorant which contains as an effective component thiobenzyl alcohol or o-methoxyphenol and which effectively imparts the odor of coal to fuel gas in a comparatively small amount in combination with the conventional sulfur compounds.

CONSTITUTION: An odorant for fuel gases contains thiobenzyl alcohol or/and o-methoxyphenol as effective components. The odorant, having an odor similar to coal gas and also a great odorizing effect in a very small amount, is combinationally used to enhance the odorizing effect of the conventional sulfur compound odorants, particularly mercaptans or sulfides which are hard to odorize natural gas or LP gas. The sensible threshold value of the conventional sulfur compound odorant is approx. 40mg/m³, but the addition of a small amount of thiobenzyl alcohol or/and o-methoxyphenol to these conventional odorants reduces down to 5~10mg/m³.

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